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The Students of Worcester Polytechnic Institute

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First Annual Freshman Dance Wins Approval of Large Crowd

**Decorations, Music,
Setting, Add Charm to
"Spring Shuffle"**

The place was Sanford Riley Hall; the time was last Saturday evening; the Boyntonians furnished the music; in short, the First Annual Spring Shuffle was under way.

The dance was a true success in every conceivable way. The Boyntonians furnished a brand of music that is hard to excel. The hall was romantically lighted with red and blue floodlights. Above the orchestra a set of two-foot class numerals were hung on either side of which was an artistic cardboard figure. On the left was a chubby Freshman wearing his distinctive red and grey cap and nonchalantly smoking a cigarette (in a long holder no less), while on the right was a most striking brunette. The feature of the dance was the lucky number contest in which a ticket to the Soph Hop was given away. After all but twenty-five couples had been removed from the floor, Jack Townsend and Bob Allen slowly picked off twenty-four of the twenty-five remaining. The twenty-fifth and winning couple was Clark Goodchild, '40, and Miss Christine Hagberg.

The Class of 1942 was favored with a very distinctive group of patrons. They were Acting President and Mrs. Roys, Dean and Mrs. Howe, Prof. and Mrs. Morley, Prof. and Mrs. Gay, Prof. and Mrs. Fitzgerald, and Prof. Higginbottom with Miss Grace Horn.

Freshmen Register Choice of Course

The 181 members of the Freshman class have registered with Miss Rugg their choices of the courses which they are to pursue during their next three years at Tech. Unlike last year a definite choice between the courses in Chemistry and Chemical Engineering was made.

Eighty-nine of the men chose Mechanical Engineering as opposed to seventy-five of the 195 Freshmen of last year. This is a 10 per cent gain. There are thirteen men registered for Civil Engineering while there were twenty-four men in the class of '41. There are thirty '42 men in the Chemistry department with fourteen in the Chemical Engineering division. The combined enrollment in these departments last year was forty-seven, a net loss of three. The Freshmen enrollment in the Electrical Engineering course is thirty-five as compared with the forty-nine of last year, a loss of five per cent.

Looking at the course selections from the angle of percentages we find that this year 49.17 per cent of the class has chosen the Mechanical course, last year 38.45 per cent of the class was enrolled in this course. Only 7.18 per cent of the men of '42 are enrolled in the Civil Engineering department, while last year 12.30 per cent of the class entered this course. The Chemistry department has 16.57 per cent of this year's selections and 7.74 per cent are in the Chemical Engineering department. Combined choice last year showed 24.10 per cent of the '41 men. In the Electrical course are 19.34 per cent of the Freshmen compared with the 25.15 per cent of last year.

W.P.I. Students Awarded Prizes

**Koliss, Ezen and Dench
Winners at New
England Convention**

Students from Worcester Polytechnic Institute received double honors at the Northeastern District Convention of the American Institute of Electrical Engineers held at Springfield during the past week.

The prize for the best student paper in the northeastern district for the year 1938-39 went to Peter P. Koliss and Joseph Ezen for a paper which was presented one year ago at the convention held at Lenox, Mass. This paper was entitled "Analysis of Vacuum Controlled Motors" and described investigations which these students had made during their senior year. Mr. Koliss is now a graduate student at the Institute. Mr. Ezen has been employed in the signal department of the Boston and Albany Railroad. The prize was presented to Mr. Koliss and Mr. Ezen at the banquet held in the Hotel Kimball in Springfield on May 4.

Edward C. Dench, a senior in the electrical engineering department, was awarded second prize for the presentation of his paper entitled "The Glow-Relay, a New Method of Initiating Vapor Discharges". This paper described a system devised by the student for starting the new fluorescent tube electric lights. The device has proven so practical that it has been patented and is being manufactured by the Westinghouse Company. This paper was presented at the technical session the morning of May 4th. At the same session another paper was presented by three Tech seniors, S. Henry Blauvelt, Gunnar V. Pearson and Charles W. Thulin, entitled "Calorimetric Method for Determining Losses in Electric Machines," describing work they had done in the Tech laboratories.

The honors received are valued highly. (Continued on Page 2, Col. 3)

Tau Beta Pi Elects Remaining Officers

On Wednesday evening, the Junior members of Tau Beta Pi met in Sanford Riley Hall with the officers of the past year's group and elected the remaining officers for next year. Ronald Brand of Worcester had previously been elected president and also named as delegate to the National Convention. Robert Dunklee of Brattleboro, Vt., was elected vice-president and alternate convention delegate. Richard Coleman of Hilton Village, Va., was named corresponding secretary, and Raymond Shlora of Worcester recording secretary. Leonard Goldsmith, also of Worcester was chosen treasurer and Carl Fritch of Tuckahoe, N. Y., cataloguer. Prof. Carl Knight kindly volunteered to serve again as faculty treasurer and Dr. Frederic Butler was elected to the faculty advisory board.

The national convention will be held in Columbia, Missouri, on October 12, 13, and 14. Delegates from all student chapters in the country attend. John Hollick attended the convention last fall in Cincinnati, Ohio.

Ken Reeves' Band To Play For Soph Hop, Friday, May 19

**Worcester Country Club
Again Chosen For
Tech Dance Scene**

Ken Reeves, a popular New England maestro, and his orchestra have been chosen to play for the Sophomore Hop on Friday evening, May 19, at the Worcester Country Club.

This will not be Ken Reeves' first appearance at Worcester Tech, as he was well received on the Hill a few years ago when he played for the present Senior's Soph Hop two years ago. The syncopating swing of the Reeves' organization is very popular throughout the metropolitan Boston area where Ken plays for numerous collegiate dances. The band's lilting arrangements have echoed through many traditional halls on campuses of a large number of New England schools and colleges.

Arnold H. Swanson, chairman of the Sophomore Hop Committee, announces that the ticket sale is progressing excellently and advance sales indicate a large crowd will attend. Novel programs in the motif of the college's seal have been selected by the committee.

The Worcester Country Club will be decorated in keeping with the summer theme of the dance. Dress will be summer formal and dancing will be from nine till two. The Junior Jackets will not be available for the dance as in past years.

The committee announces the selection of the following patrons: Professor Higginbottom, Professor Roys, Professor Phinney, Professor Gay, and Professor Fitzgerald.

The members of the Sophomore Hop committee are: Arnold H. Swanson, Warren S. Bradford, Irving A. Breger, Edward M. Bates, Thomas R. D'Errico, James C. Ferguson, Harry D. Kingsley, Victor J. Lombardi, Hilliard W. Paige, and Donald E. Smith.

Photo Exhibit In Sinclair Hall

Everyone should make it a point to spend a few minutes viewing the annual exhibition of the Camera Club which is being held in Sinclair Hall until May 20. The exhibit started Saturday, May 6.

The main purpose of these annual exhibits is to acquaint students with the Camera Club and its work. Almost every member of the organization has contributed at least one mounted print to the exhibit and a few can boast of three or four.

There is such a large variety of pictures represented that it would be difficult to classify them. In order to impart the spirit of the Institute to the exhibit, many photographs of Tech buildings and student activities are being displayed. One entire section of the exhibit will be devoted to pictures taken by faculty members.

The exhibit is to be in the form of a contest with men associated with the numerous photo-shops in Worcester acting as judges.

Members of the committee who have carried out the plans for this exhibit include: Chairman Lennart Brune, Joseph Mason, Clinton Gerlach, and Richard Kimball.

Tech Nine Takes Clark Team Through Paces To Win, 14-7

W.P.I. Planning Ninth Annual "At Home Day"

**Departments To Have
Special Science and
Engineering Exhibits**

Saturday, May 20, marks the opening of all the Engineering Departments to the general public as the ninth annual At Home Day is observed. The idea of such an "open house" procedure as this was originated by the students of 1930 with the purpose to acquaint the public with the college, and the work being done here. This year the At Home Day is being conducted under the auspices of the Radio Club, the Skeptical Chymists, the Student Branches of the A. S. M. E., A. S. C. E., and A. I. E. E., and the Interfraternity Council.

The Civil Engineering Department will have on display a number of computing instruments, planimeters of great accuracy and astronomical instruments. Explanations of geological phenomena, and exhibits of rock forming minerals will be shown in Boynton 19, while all types of surveying equipment will be shown on the campus in front of Boynton Hall.

The Mechanical Engineering Department will have the Aeronautics laboratory, the Foundry, the Metallography laboratory, where microscopic examination of metals by magnification of samples of 5,000 diameters will be done, open for inspection. A concrete testing machine with a capacity of 400,000 pounds, and working models of flood control projects on the Connecticut River will be demonstrated.

The Electrical Engineering Department will demonstrate its new one-million volt impulse generator for producing artificial lightning. In the main lecture hall will be held demonstrations of the Color Organ, the Metal Presence Detector, Mega-amplification of building vibrations and minute (Continued on Page 2, Col. 4)

Tech Debating Team Meets M.I.T. Group

The W. P. I. debating society, continuing their policy of a non-decision match, met the M. I. T. delegation Sunday afternoon in the Commons room of Sanford Riley Hall. The debate followed the fifth annual parents' banquet which was held in the dorm by Lambda Chi Alpha.

The question was: Resolved, That the United States Should Establish an Anglo-American Alliance. Supporting the negative of this problem were Richard Coleman and Clayton Allen. On the affirmative side, the M. I. T. men were Stanley Backer and Russell Werbey.

Next Sunday afternoon at 4:00, the Tech debating team will meet the Fitchburg State Teachers' team. The question will be the same as Sunday's debate but with a possible change in sides. The debate will be broadcast over station WTAG.

Four Straight Games Won by Biglermen

**Lambert Repeats Role as
Relief Pitcher to
Pull Team Ahead**

Tech's baseball team, unconquered in three out of three starts, took their fourth straight victory of the season Saturday afternoon when they romped to victory over their city rivals at Clark University on the Clark field. Behind the excellent relief pitching of Blazing Ben Lambert, who replaced Johnny Driscoll in the third, the Biglermen were able to forge ahead to win by a score of 14-7.

Johnny Driscoll got off to a poor start and allowed two runs to come in during the first and two in the second. With Clark leading 4-1, Coach Bigler decided to take no more chances and replaced Driscoll with Ben Lambert. Lambert proceeded to settle right down and repeat his Thursday afternoon's performance against Northeastern.

In the third inning, the Tech boys found Ray Balcom's pitching to their liking with Gustafson, MacNamara, Bodreau and Rushton scoring four runs. This put Tech in the lead 5-4. Clark tied the game up again in their half with a lone run. Tommy Wingardner and Ben Lambert made up for the tie.

Bodreau turned in some excellent hitting during his five times at bat. He hit two doubles, reached first on a fielder's choice, hit a clean single and grounded out twice.

Fielding honors went to MacNamara out in center and to Jack Rushton at first. MacNamara's throw from center field to Forkey to Scott at third was the last out of the game and a high spot in this slam-bang affair.

Rushton started things in the fifth with a single. He scored on hits by Kingsley and Scott. Clark was scoreless from then to the ninth. Tech scored again in the eighth when Wingardner reached first on an error, MacNamara on a single and Bodreau on a fielder's choice which caught Wingardner. Forkey singled, scoring MacNamara and Bodreau, making the score 13-5.

In the ninth Gustafson scored for Tech with Powers and McInerney gaining two more for Clark. The final score was 14-7.

WORCESTER TECH									
Gustafson lf	ab	h	po	a					
Wingardner rf	5	2	0	0					
MacNamara cf	6	2	0	1					
Bodreau c	6	2	2	1					
Rushton lb	6	3	10	0					
Kingsley 2b	4	2	7	0					
Forkey ss	5	1	3	0					
Scott 3	5	1	0	3					
Driscoll p	4	1	4	1					
Lambert p	1	0	1	1					
	3	0	0	3					
Totals	45	14	27	10					
CLARK									
Viens c	ab	h	po	a					
Clair lb	3	0	11	0					
McInerney cf	2	0	8	0					
Donohue ss	5	1	0	0					
Balcom p lf	5	2	2	4					
Reed rf	4	1	1	0					
Pontbriand rf	1	0	0	0					
Thompson rf	2	0	0	0					
Fram 3	1	0	1	5					
aBernier	3	0	2	5					
Ross 3	1	1	0	0					
Racine 2	0	0	0	0					
G. Powers lf	4	2	1	2					
R. Powers p	0	0	1	0					
bDehollis	2	0	0	1					
	0	0	0	0					
Totals	33	7	27	12					
Innings	1	2	3	4	5	6	7	8	9
Tech	0	1	4	2	4	0	0	2	14
Clark	2	2	0	1	0	0	0	0	7

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Editorials

Our Part in "At Home Day"

In 1930 a group of the progressive students here at Worcester Tech conceived the idea of holding a form of open house in which prospective students and other interested people would be able to view Worcester Tech from department to department and from cellar to roof. The purpose was undoubtedly one of advertising and yet it has developed into more than that. For nine years now, Tech has held "At Home Days," until it has become a tradition.

The faculty interested themselves the second year of the project and since then have taken an active part in the guidance of the program. We are deeply grateful for this aid.

Our present "At Home Day" is scheduled for May 20. This is but two weeks off and yet the entire program is already planned for. A special performance is scheduled in the morning for 5000 high school students who will be attending the New England Music Festival which is being held in Worcester this year. At 1:00, the general exhibits in every building and department of the college will be opened. Attendance for the day is expected to run around 2000 not including the morning guests.

To conclude the ninth annual "At Home Day," the Tech Musical organizations are presenting their third annual concert, in the gym. The band, the glee club and the Boyntonians will all participate with their specialized forms of music.

In spite of the fact that this is a student day, but 60 per cent of the student body is actively participating. On the surface this may not look well until one realizes that the other students will undoubtedly put their personality and geniality to work to make each and every guest on Boynton Hill feel "at home." If you, as a student, have not as yet signified your wish to do your part, we urge you to get in touch with some of the faculty in your department. If you'd rather remain the power behind the scenes, don't stay too far behind. You can help by just your presence on the campus.

If you do know any chaps in your home town or elsewhere who you think might be interested, see if you can't get them to come up. The office will be glad to aid by sending out invitations and programs.

Let's all pull together for our ninth annual "At Home Day." We can and will do our part.

Sidelines

The "Dorm Dance" which was held April 29 may prove to be the last one for some time. The dances were originally started by student demand. The present demand has fallen off to such an extent that the number of students attending does not seem to warrant their continuance. This seems rather problematical when one realizes that about a year ago, attendance was so high that the student body demanded that outsiders be discriminated against by a higher admission fee. We regret that this informal social phase of Tech life may disappear. Where has our spirited social life gone.

To our knowledge when the national whirl of gastronomic abuse was so prevalent on the campuses of the U. S., only one Tech man succumbed to the digestive low of swallowing one live

goldfish. Two others who were headed for the same fate lived merrily on inside a milk bottle, as pets of a dormitory resident, less than a week.

"At Home Day" NOTICE

"At Home Day" programs combined with invitations will be available this week in the Alumni Office in Boynton Hall. These may be had by calling at the office if you wish to mail them with a personal invitation of your own to a friend. Invitations will be mailed out by the office to high school boys who may be interested in our program as scheduled for May 20 if you will leave the name and address of any young men with one of the office staff.

Wood Speaks at Fuller Lecture Last Wednesday

Shows Engineers Path to Successful Career With Novel Formula

Walter M. Wood, psychologist and expert on personal and institutional problems, spoke at the May Fuller Lecture which was held in the gym, Wednesday, May 3, at 11:00. Wood is from Philadelphia where he is active in the Y.M.C.A. work. His subject was "Personality."

Robert W. Martin, '39, Editor of The Peddler, conducted the Assembly. The program opened with the singing of "America." Following this the Glee Club sang "Battle of Jericho." Martin then introduced Professor Francis W. Roys, acting president of the Institute, who in turn introduced the speaker.

Mr. Wood's talk was fairly interesting. He started by saying that although some people think personality is either an accident or a gift of God, that this is not true. Personality is based on the development of personal abilities and it can be developed. With the aid of a blackboard Mr. Wood then presented an equation with which success could be estimated. The equation which he gave was meant for the engineer but could be adapted to any walk of life. Mr. Wood then went on to say that personality is measured by the amount of fellowship, from the home; development, from the school; inspiration, from the church; cooperation, from civic and social life; self-investment from one's vocation; and self-recovery from one's recreation, that a person gets. An equal amount of all these influences is necessary for the well balanced personality.

Following Mr. Wood's interesting talk the assembly was closed with the singing of the "Alma Mater" and the playing of the "Star Spangled Banner" by the Tech band.

Students Honored

(Continued from Page 1, Col. 2)

ly by the students for the competition is very keen and participated in by all the engineering colleges of the north-eastern district which includes New York State and New England. The Worcester Tech students won in competition with men from Harvard, Yale, M. I. T., Tufts, Brown, Cornell, Rensselaer, New Hampshire, Maine, and Rhode Island State College.

Students attended the Friday morning session in large numbers. The group from Worcester Tech included 30 juniors, 20 seniors, and six graduate students. Members of the faculty attending were Professor Theodore H. Morgan, head of the electrical engineering department, Professor F. J. Adams, H. A. Maxfield, Victor Siegfried, W. W. Locke, Jr., and Karl Stiefel. Professor Locke represented the Worcester Section and Professor Siegfried attended as counselor of the A. I. E. E. Student Branch.

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At Home

(Continued from Page 1, Col. 4)

sounds. The latest developments in lighting, precision instruments, and measuring devices will be shown. Also of interest will be the operation of the radio transmitters and receivers of the Institute amateur radio station W1YK.

The Physics Department will present demonstrations of Gyroscopic action, Crookes and Cathode ray tubes, exhibitions of fluorescent minerals, a demonstration of the action of the famous Wilson Cloud Chamber and a demonstration of the precision measurement of the ratio of the charge to the mass of an electron.

The Chemical Engineering and Chemistry department will display a perforated plate still, three types of absorption towers, crushing and grinding equipment, continuous vacuum filtering equipment, a ball and pebble mill, and demonstrations of electro-organic reduction methods. The new addition to the Salisbury laboratories will be open.

TECH PHARMACY

Sol Hurowitz, W.P.I., '22

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May 9, 1939

TECH NEWS

Page 3

Tech Nine Rallies in Fourth To Trim Northeastern's Terriers 15-7

Blazin' Ben Lambert's Relief Pitching Insures Victory

By beating Northeastern Thursday, 15-7, Tech maintained a clean baseball record and boosted the number of games won this year to three. Tech took the lead first and held it throughout the game, although a fifth inning rally by the invading Northeasterners threatened the Biglermen's security and resulted in the removal of Al Raslavsky from the game. Ben Lambert was the relief pitcher, and he hurled practically perfect baseball; his record was marred by only one run which was scored in the ninth inning. He entered the game with the bases loaded and no one out. Not only did Lambert take command of the situation by retiring the first three men to face him, but he also prevented any scoring from the loaded bases.

1. Northeastern. Swardlick walked. Colt grounded to Raslavsky and was out at first. Raslavsky walked. Harding was caught off first. Little walked. Swardlick was forced at third by Flumere.

Tech. Gustafson grounded out. Wingardner's grounder to shortstop was booted and he was safe at first. MacNamara tripled to right field. Wingardner scored. Bodreau singled to left and MacNamara scored. Raslavsky flied out to center field. Bodreau was forced at second by Rushton.

2. Northeastern. Connelly fouled out to third. Struzero was called out on strikes. Lovequist singled into right field. Foster Northeastern's pitcher, hit a long triple to center, and Lovequist scored. Swardlick singled to left, and Foster crossed the plate. Colt was walked. Swardlick stole third. Harding went down swinging.

Tech. Kingsley singled to left. Foster struck out. Kingsley stole second. Scott was out on a fly to left field. Gustafson popped out to third.

3. Northeastern. Little was out when Wingardner made a sensational catch of his drive.

(Continued on Page 4, Col. 1)

Golf Team Loses Close Match To B.C. and M.I.T.

Wednesday afternoon, May 3, out at the Wachusett Country Club, the Tech golf team lost to Boston College by a score of 4-2. As the B. C. golf team has played nearly a dozen matches in the south during the last few months and Tech has been on the links only several weeks, the Tech team was at a decided disadvantage. Tech took two of the four singles matches and lost both of the doubles. Norm Steward, of Tech, won his match against Lynch, of B. C., 2 up, and Hap Haszard, of Tech, beat Lacouture, of B. C., 5 and 4.

Friday afternoon, following their match with Boston College, the team lost a close encounter with M.I.T. at the Country Club by a score of 3½ to 2½. In this match Tech broke even in the singles matches and won one of the doubles. Captain-Manager Dave McEwan beat Jack Worman, of M.I.T., 4 and 2. McEwan and Gaidis, of Tech, beat Klark and Worman, of M.I.T., 4 and 3.

The low score of the Boston College match was turned in by Sheehey, of B. C., 80. In the M.I.T. match, the low score was 82, turned in by Gaidis, of Tech, and Klark, of M.I.T.

Summaries:

Tech vs. Boston College

Singles: Steward (Tech) beat Lynch (B.C.); 2 up. Duddy (B.C.) beat Bosyk (Continued on Page 3, Col. 4)

Tech Court Team Loses To Clark, Wins Against B.U.

In some of the cold tennis weather of this season the Tech tennis team went down fighting against a good Clark team last Wednesday. After Tech gained a lead in the singles matches, 4-2, Clark swept the doubles to take the match, 5-4. On Saturday afternoon the team journeyed to Boston to engage the Boston University team, winning 4-2.

Wednesday's match was very close throughout. In the third set of the first doubles match, the last match to be finished, the decision of the contest hung in the balance as the score stood five-all. The Clark team of Eddie Smith and Charlie Higgins took Joe Filipeck and Bill Bosworth by winning the remaining games to win the set and match, 4-6, 6-3, 7-5.

Joe Filipeck put on the star performance of the afternoon in his match with Eddie Smith. Cleverly placed shots gave him an easy 6-0, 6-2 victory. Lennie Goldsmith helped the Tech cause with a notable triumph over Higgins, of Clark, 6-4, 6-0.

Results of other matches:

Brand (W) beat McComas, 6-3, 8-6. Ferguson (W) beat Southwick, 6-4, 6-4.

Doolittle (C) beat Hodges, 6-2, 6-3. Basset (C) beat Bosworth, 6-2, 7-5.

Basset and McComas beat Brand and Goldsmith, 6-4, 7-5.

Southwick and Doolittle beat Ferguson and Dunklee, 6-3, 6-2.

B. U. Match

At Boston, on Saturday, Tech split (Continued on Page 4, Col. 3)

Track Team Wins Close Victory Over Trinity With Eight Firsts

Sport Sidelights

By CHARLES L. HOEBEL

Biggest event in the sports department this week is the Eastern Intercollegiate Championships on the Alumni Field this Saturday. With Conn. State its biggest rival, the Tech team is slated to end up near the top of the list. . . . Saturday Conn. State beat Bowdoin and Springfield in a triangular meet. Rice, flash middle distance runner, marked up a 4:24.6 mile and a 1:59.8 half-mile to chalk up ten points. Cy Bloom, utility man, placed in four events, though he was beaten in his specialties, the high and low hurdles, by Allen of Bowdoin. Henry Koch took the broad jump at 21 ft., 11 in., and placed in the high jump and 220-yd. dash. . . . B. U. traveled to Middlebury Saturday to take them over by 73½ to 61½. Lew, B. U. sprint man, piled fifteen points by first in the 100, 220, and 440 yard dashes. . . . Tufts took over Mass. State by 86 to 49. And Colby took a licking from Vermont, 71 to 64. . . . In baseball, Rhode Island State, which again seems to be the team for which Tech is pointing, lost their last two games, to Providence and Brown, but beat New Hampshire Saturday, 3 to 2. . . . It is still rather early to make predictions, but we can look ahead impartially. The games left for the Tech team this week are Mass. State and Trinity. If Tech takes Mass. State, they should take Trinity, for State took Trinity, 14 to 1 Saturday. Then Clark again, due for a repeat of last Saturday. American International, an unknown quantity. R. I. is next, with the boys pointing for a clean sweep over Keaney's charges. Then Assumption is last. If the team gets to this point undefeated, it will be safe to predict an undefeated season. . . . Tennis, now that the team has hit the win column, will take on Trinity and Springfield this week, while the golf team takes on Tufts and Trinity. . . . I wonder if the local papers will remember mentioning, before the opening of the baseball season of a "small college city championship" for which we would vie with Clark and Assumption. Especially when it looks as though it will come to rest on Boynton Hill for this year.

Golf

(Continued from Page 3, Col. 2)

(Tech); 2 and 1. Sheehey (B.C.) beat McEwan (Tech); 5 and 4. Haszard (Tech) beat Lacouture (B.C.); 5 and 4. Twosomes: Lynch and Duddy beat Steward and Bosyk; 5 and 4. Sheehey and Lacouture beat McEwan and Haszard; 1 up.

Tech vs. M.I.T.

Singles: Wynn (M.I.T.) beat Steward (Tech); 1 up. Paulinsky (M.I.T.) beat Hunt (Tech); 5 and 4. Gaidis (Tech) tied Klark (M.I.T.). McEwan (Tech) beat Worman (M.I.T.); 4 and 2.

Twosomes: Wynn and Paulinsky beat Steward and Hunt; 5 and 4. Gaidis and McEwan beat Klark and Worman; 4 and 2.

Compliments

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Capt. Chandler Breaks Own Discus Record by 4 Feet; Lotz High Scorer

Winning nine out of a possible fourteen first places, Tech's improved track squad treated their Trinity rivals to a close 65½ to 60½ defeat. Again it was Tech's great strength in the field events which provided the margin of victory.

Burly Captain Mal Chandler, long the bulwark of the winged-footers, came through with a beautiful heave to break his own Tech discus record by more than a foot. His new record now stands at 131' 6½". His old record was 130 feet 5½ inches.

Indicating that he will do much to fill the brilliant shoes of graduating Captain Chandler, freshman Bob Lotz grabbed the individual scoring honors by victories in the shot-put and broad jump.

The meet was a field day for the gaining of letters with Fred Wackerbarth regaining his old form to triumph in the high jump, Don Hauser holding a half-lap lead to triumph in the two-mile event, Bob Wilson sprinting from behind to victory in the half-mile, Hector Cameron winning the mile in a romp, and Don Smith nipping Trinity hurdlers at the tape in the low hurdles.

For Trinity, Pankratz equalled the college record when he won the 440-yard run in 51 seconds and Rainsford established a new college record of 179' 4" in winning the javelin throw.

(Continued on Page 4, Col. 2)

Sig Ep Leading in Fraternity Ball

All brands of baseball were displayed last week as five games were played off in the inter-fraternity league. Monday afternoon saw Phi Sig beat Theta Chi, 7-2. Two games were played on Wednesday, Phi Gam edging A.T.O., 1-0, and Phi Sig outlasting L.X.A., 9-8. On Friday, T.X. engaged Lambda Chi and won, 6-3.

A real pitchers' battle ensued as Phi Gam faced A.T.O. last Wednesday. Ray Matthews, Phi Gam's freshman hurler, showed himself to be one of the outstanding inter-house pitchers of this season by allowing but one hit. Tad Davis and Erv Hupprich who twirled for A.T.O., were also very effective, but Phi Gam managed to squeeze one run past the plate, a result of an error.

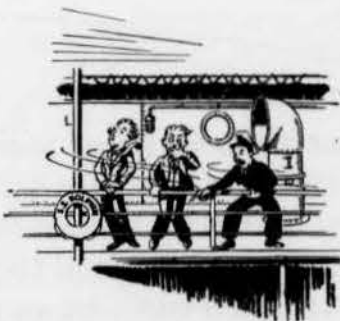
The same afternoon a totally different type of contest was waged by Phi Sig and Lambda Chi. Both teams did plenty of scoring, Phi Sig having to come from behind with a four run rally in the last inning to take the encounter, 9-8. Claire Stauffer pitched well for Phi Sig, but poor support by his teammates nearly reversed the decision.

As a result of these games the standings show S.P.E. to be still setting the pace with S.A.E. close behind. Phi Sig has moved up from fifth to third, and A.T.O. has dropped from first to fifth place. Sunday, Phi Sig turned back Phi Gam, 6-5. It was anybody's ball game until the winners nipped P.G.D.'s late rally in the fifth inning.

The standings to date:

	Won	Lost	Ave.
S.P.E.	2	0	1.000
S.A.E.	1	0	1.000
P.S.K.	4	1	.800
T.X.	3	1	.750
A.T.O.	2	1	.667
T.K.P.	1	1	.500
P.G.D.	2	3	.400
L.X.A.	0	4	.000
S.O.P.	0	4	.000

G-E Campus News



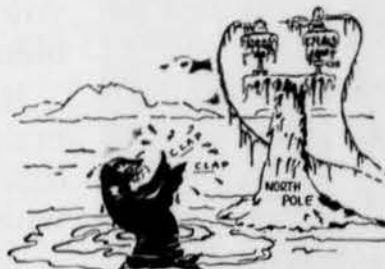
FLOATING POWER

THE surging waves of a stormy sea are beautiful to an artist, disconcerting to a food-loving passenger, but just another problem to an engineer. Whenever a sleek ocean liner plows her bow through a heaving swell, her engines feel an added load, and her captain wonders if the fuel will last. So, G-E engineers built an all-electric meter that will accurately measure the power put out by the propeller of any boat, from a tiny tug to a transatlantic greyhound. The meter is essentially a combination of two electric generators mounted a little distance away from each other on the propeller shaft, and connected to instruments which can be located at any point on the ship. The generators are so mounted that at no load the voltages generated are exactly 180 degrees apart in phase and therefore add to zero.

When a load is placed on the revolving shaft, the torque causes a small angular twist in the shaft; consequently, the two generated voltages no longer add to zero. The

resultant voltage is proportional to both the shaft twist and the propeller speed, and hence the meter can be made to read directly in horsepower. The installation can easily be modified to indicate total horsepower-hours and to write an automatic log of the power delivered during the trip.

Among the G-E engineers who developed the device are A. V. Mershon, Pratt Institute '13 and Union College '15, and C. I. Hall, U. of Illinois '10.



IT CUTS SOME ICE

NICODEMUS, the brown-nosed seal, playfully swam up to the North Pole, tripped the circuit-breaker and plunged Santa's workshop into darkness.

Absurd? Not as far as the successful operation of G-E outdoor air-break switches is concerned. These have been placed in a special room in the General Electric Research Laboratory at minus 20 degrees Fahrenheit, sprayed with water, and tested when coated with ice to a thickness of one and a half inches. And the observers, who check the operations with pitiless eye, are members of the G-E Test Course—young college men in their first year with the Company.

NEW YORK WORLD'S FAIR—SEE THE G-E "HOUSE OF MAGIC"—SAN FRANCISCO INTERNATIONAL EXPOSITION

GENERAL ELECTRIC

Tech Beats Northeastern

(Continued from Page 3, Col. 1)

over second. Flumere singled to left. Connelly was out on a pop fly to second. Struzzero popped out to third.

Tech. Wingardner was out on a fly to center. MacNamara also fled out to center. Bodreau doubled to the hill in left field. Raslavsky grounded out to third.

4. Northeastern. Lovequist singled over second. Foster was safe at first when Kingsley booted his grounder. Swardlick grounded out; Lovequist and Foster advanced. Coit walked and the bases were loaded. Harding was out on a long fly, and Lovequist scored. Little was out on a grounder to second.

Tech. Rushton was safe at first when his hot grounder was booted. Kingsley singled to left field. Forkey was safe on a bunt and Rushton scored from second. Scott was safe at first, but forced Forkey at second. Scott stole second. Gustafson singled to left; Kingsley and Scott scored. Wingardner singled to right field and Gustafson moved to third. MacNamara popped out to first. Bodreau was walked. Gustafson scored on a wild pitch by Foster. Raslavsky doubled to the scoreboard in center field. Wingardner and Bodreau scored. Rushton was safe at first on a hot grounder. Raslavsky scored. Kingsley forced Raslavsky at second.

5. Northeastern. Flumere was walked. Connelly tripled to the scoreboard in center field, and Flumere scored. Struzzero doubled, scoring Connelly. Lovequist walked. Foster was safe at first when Forkey missed Struzzero at third. The bases were loaded. Swardlick got a base on balls and Struzzero walked home. Lambert relieved Raslavsky. Coit fled out to left; the Terriers held their bases. Harding went down swinging. Little popped out to Lambert.

Tech. Forkey was out on a fly to center. Scott tripled high on the hill in left field. Brackan went in to pitch for Foster. Gustafson grounded out. Wingardner was out on a grounder to the pitcher.

6. Northeastern. Flumere fled out to left. Connelly grounded to Lambert and was out at first. Struzzero was out on a long fly to center.

Tech. MacNamara was out on a long fly to right field. Bodreau went safe on his booted grounder. Lambert was called out on strikes. Rushton homered to the field house. Bodreau scored before him. Kingsley singled to left. Forkey fled out to left.

7. Northeastern. Lovequist grounded to second and was out at first. Brackan went down swinging. Swardlick grounded out to second.

Tech. Scott fled out to left. Gustafson was out when he popped to second. Wingardner singled to left-center. MacNamara singled to right, and Wingardner advanced to third. Bodreau walked. Lambert doubled

over second; Wingardner and MacNamara scored. Rushton grounded out to second.

8. Northeastern. Coit fled out to center field. Harding struck out. Little was safe at first on Rushton's boot. Flumere grounded out to third.

Tech. Garry was pitching for Brackan. Kingsley singled over second. Forkey was safe at first by a poor throw to first. Scott went down swinging. Kingsley went to third. Then Forkey stole second. Gustafson doubled to left. Kingsley and Forkey scored. Wingardner singled to short right field, and Gustafson pulled up at third. MacNamara popped out to first. Bodreau grounded out to third.

9. Northeastern. Connelly fled out to right-center. Struzzero tripled near the field house in center field. Lovequist grounded out to second, but Struzzero went home. Swardlick popped out to third for the last out of the game.

Track Meet

(Continued from Page 3, Col. 5)

120-yard high hurdles—Won by Kiley (T); second, J. Alexander (T); third, Ferguson (W). Time, 16.8.

100-yard dash—Won by Fritch (W); second, Ryan (T); third, Collier (T). Time, 10.5.

1 mile run—Won by Cameron (W); second, Caffrey (T); third, Hoebel (W). Time, 4:37.2.

440-yard dash—Won by Pankratz (T); second, Fritch (W); third, Peck (W). Time, 51 flat. (Ties college record).

2 mile—Won by Houser (W); second, Riley (T); third, Charles (T). Time, 10:35.8.

880-yard—Won by Wilson (W); second, Bennett (T); third, McLoughlin (T). Time, 2:03.7.

220-yard low hurdles—Won by Smith (W); second, Kiley (T); third, Collier (T). Time, 27.7.

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Tech Court Team

(Continued from Page 3, Col. 3)

even with B. U. in the singles matches, but won both doubles contests for a 4-2 win.

The closest match was the first doubles encounter in which Filipeck and Goldsmith beat Posner and Forte of B. U. in three sets, 6-4, 4-6, 7-5.

Results of other matches:

Singles:

Filipeck (W) beat Posner, 6-0, 6-3.

Goldsmith (W) beat Corey, 4-6, 6-1,

6-4.

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J. Robinson (B.U.) beat Brand, 6-4, 5-7, 6-1.

Doubles:

Filipeck and Goldsmith (W) beat Posner and Forte, 6-4, 4-6, 7-5.

Bosworth and Brand (W) beat Corey and J. Robinson, 6-3, 6-2.

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